

HAMILTON HOUSE,

LEAMINGTON SPA.

August, 1949.

To the Southam Rural District Council.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

Herewith the Report for 1948, this is the 30th Annual Report I have presented to you.

As in the past few years this Report is restricted to a statement of facts, but a more extended report is given by the Sanitary Inspector.

Kindness has been extended to me by members of the Council and my colleagues, for which I am most grateful.

I am, Ladies and Gentlemen,

Your obedient Servant,

H. GIBBONS WARD,
Medical Officer of Health.

Southam Rural District

A. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Population (estimated) Mid-year, 1948	...	...	11,940
Birth Rate	...	...	19.5
Still Births—Rate per 1,000 total births	...	...	17
Death Rate	...	...	10.5
Deaths from Diseases and Accidents of Pregnancy and Child-birth	{ From Sepsis	...	—
	„ other causes	...	—
Death Rate of Infants under 1 year of age :—			
All Infants per 1,000 live births	...	...	8
Legitimate Infants per 1,000 legitimate live births	...	...	9
Illegitimate Infants per 1,000 illegitimate live births	...	...	—
Deaths from Measles (all ages)	...	...	—
„ „ Whooping Cough (all ages)	...	...	—
„ „ Diarrhoea (under 2 years of age)	...	...	1

The estimated population shows an increase of 560 during the past year and 960 since 1945.

The Infantile Mortality rate is very low, 8 as compared with a rate for England and Wales of 34.

Both Birth and Death Rates are more favourable than those for the whole country.

There was an increased number of deaths from Heart Disease and Apoplexy.

B. GENERAL PROVISION OF HEALTH SERVICES IN THE DISTRICT.

1. (a) *Public Health Officers.*

Surveyor and Sanitary Inspector.

H. L. WELCH, A.R.San.I., M.I.M.

S. C. WHITEHEAD, A.M.I.S.E.

2. (a) *Laboratory Facilities.*—Bacteriological examinations by Birmingham University :—

	Positive.	Negative.	Total.
Diphtheria	... —	... 10	... 10
Enteric Fever	... —	... —	... —
Tuberculosis	... —	... —	... —
			10

C. SANITARY CIRCUMSTANCES OF THE DISTRICT.

1.—(i) WATER SUPPLY.

Southam and Long Itchington.—There are now 507 connections to Southam and Long Itchington Water Supply, 303 and 204 respectively.

There is insufficient pressure in certain parts of Southam and the Council's Consulting Engineer has prepared a scheme to overcome this difficulty.

Subject to the foregoing a sufficient supply of water has been maintained since the inauguration of the Rugby supply.

Stockton.—Since the Rugby water has been laid on, notices have been served for the provision of an internal supply to all suitable houses. This is meeting with a good response.

Fenny Compton.—A scheme has now been prepared to augment the present supply, including the purchase of the existing undertaking, but work has not yet commenced.

Shotteswell, Ratley and Warmington.—The schemes in course of preparation have been delayed by the necessity of obtaining a geologist's report on the proposed boreholes.

Priors Marston and Priors Hardwick.—Enquiries continue to be made but there appears to be no immediate prospect of electrifying the booster.

Northend.—Since the laying of the Rugby water main, progress continues to be made in the connection of services to properties.

Harbury, Bishops Itchington, Napton, Ladbroke and Gaydon.—Advantage continues to be taken of this supply, which is of the greatest value to the villages served.

Lighthorne, Ufton and Shuckburgh.—The contract has been let for the mains extensions to the above villages, and work is to be commenced early in 1949.

Avon Dassett and Wormleighton.—The Council have had under consideration Schemes for improving the water supply to the above villages.

1.—Whether the supply has been satisfactory

(a) in quality. (b) in quantity.

(a) Yes.

(b) During the period of the drought it was found necessary to provide an emergency supply in some villages for a short time.

2.—Where a piped supply, whether bacteriological examinations were made for

(a) raw water. (b) treated water.

Regular bacteriological samples were taken and proved satisfactory.

The results of chemical analysis were satisfactory.

3.—Any action taken for contamination.

The water from the Holywell, Southam, is chlorinated at source.

4. Particulars of proportion of dwelling houses and proportion of population supplied by public water mains. (a) direct to houses, (b) by means of stand pipes.

Approx. proportion of houses and population :—

	<i>Houses & population.</i>	<i>Stand pipes.</i>	<i>Public Wells & Springs.</i>	<i>Private Wells.</i>
Avon Dassett ...	20%	70%	—	10%
(Private Company).				
Bishops Itchington ...	40%	—	50%	10%
Burton Dassett ...	40%	50%	—	10%
Fenny Compton ...	50%	45%	—	5%
(Private Company)				
Gaydon ...	75%	—	20%	5%
Harbury ...	90%	—	—	10%
Ladbroke ...	75%	—	—	25%
Long Itchington ...	80%	—	—	20%
Napton ...	65%	—	30%	5%
Priors Hardwick ...	75%	20%	—	5%
Priors Marston ...	80%	15%	—	5%
Radway ...	80%	20%	—	—
Southam ...	95%	—	—	5%
Stockton ...	75%	—	20%	5%
Warmington ...	20%	70%	—	10%
(Private Company).				

Public Cleansing.—A Special Committee to consider refuse collection in the district, presented its report in September, 1948. As a result the majority of the villages were included in the service.

A second Karrier Refuse lorry was delivered and commenced work ; the Ford lorry was brought into the service and the horse and cart dispensed with. It is to be noted the service is now working to full capacity.

D. HOUSING.

Full particulars of the usual Table have been compiled and are being kept for record purposes.

3. *Overcrowding*.—Overcrowding continues in the District. Action is difficult, if not impossible.

Rural Housing Survey Report.

165 houses have been inspected during the year. Total from November, 1945, to 31st December, 1948—2,256.

Those for 1948 have been placed in the following categories :—

No. 1.	No. 2.	No. 3.	No. 4.	No. 5.
15 ...	90 ...	49 ...	— ...	11

also three caravans and four temporary dwellings.

Building Licences :—

Granted ...	...	248
Refused ...	...	3

E. INSPECTION AND SUPERVISION OF FOOD.

Milk and Dairies.—The number on the Register is 346.

Milk (Special Designations) Orders, 1936 and 1938.—The County Council are the Licensing Authority.

Number licensed to produce T.T. Milk ...	...	19
„ „ „ Accredited Milk ...	...	14

The standard of cleanliness continues to improve ; steam sterilisation is insisted upon.

F. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE.

Incidence of Commoner Infectious Diseases since 1942.

			iphteria.	Scarlet Fever.	Enteric Fever.	Pneumonia.	Encephalitis Lethargica.	Puerperal Pyrexia.
1942	...	—	2	10	—	14	—	—
1943	...	—	1	11	—	12	—	—
1944	...	—	—	21	—	11	—	—
1945	...	—	2	3	—	5	—	—
1946	...	—	1	2	—	13	—	1
1947	...	—	3	12	1	3	—	—
1948	...	—	—	7	—	3	—	—

Reference to Table III. will give the age distribution of the cases notified during 1948.

Diphtheria.—No cases were notified. One cannot help but believe that the favourable figures for the past few years are due to the large proportion of the population who have been immunised.

Diphtheria Immunisation.—The scheme for the immunisation of School Children continued during the year, and at the 31st December, 1948, 2,520 schoolchildren had been treated, also 1,370 under 5 years of age, giving a total of 3,890.

In addition 23 children received "Booster" doses.

Cases of Infectious Disease were removed by arrangement to Heathcote Hospital, Warwick.

PREVALENCE OF, AND CONTROL OVER, TUBERCULOSIS.

AGE—PERIODS	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	...	—	...	—
1	—	1	—	...	—
5	2	...	—	...	—
15	2	4	1	...	...	—
25	4	3	...	1	...	—
35	1	...	1	...	...	—
45	1	—	...	1	1	...
55	—	...	—	...	—
65 and upwards	...	—	...	—	...	—	...	—
TOTALS	...	8	7	...	5	...	2	1

PREVALENCE OF, AND CONTROL OVER, TUBERCULOSIS.

Tuberculosis.—The following table shows the notified cases and deaths, during the past 20 years:—

	1929	1930	1931	1932	1933	1934	1935
Cases ...	7	19	18	28	17	19	16
Deaths ...	10	8	5	6	5	9	7
	1936	1937	1938	1939	1940	1941	1942
Cases	14	15	19	12	6	14	15
Deaths	3	4	6	7	8	3	3
	1943	1944	1945	1946	1947	1948	
Cases ...	9	14	10	11	18	20	
Deaths ...	7	4	7	6	7	3	

It will be noted from the above figures that the number of cases was above the average for the past 20 years, and the number of deaths below the average.

3 patients were admitted to Sanatorium during 1948 ;
4 were discharged.

REPORT OF SANITARY INSPECTOR.

To the Southam Rural District Council.

Mr. CHAIRMAN, LADIES AND GENTLEMEN,

I beg to submit my annual report for work done in the Sanitary department during the year ending 31st December, 1948.

Dairies and Cowsheds.

Number on Register	...	...	...	346
Number of T.T. Licences	...	...	...	19
Number of Accredited Licences	...	...	...	14

Scavenging.

<i>Avon Dassett</i>	...	Ashes	...	6 lorry loads.
<i>Bishops Itchington</i>	...	Nightsoil	48	„ „
		Ashes	... 112	„ „
<i>Burton Dassett</i>	...	Nightsoil	16	„ „
		Ashes	... 29	„ „
<i>Fenny Compton</i>	...	Nightsoil	56	„ „
		Ashes	... 55	„ „
<i>Gaydon</i>	...	Nightsoil	16	„ „
		Ashes	... 18	„ „
<i>Harbury</i>	...	Nightsoil	149	„ „
		Ashes	... 155	„ „
<i>Ladbroke</i>	...	Nightsoil	4	„ „
		Ashes	... 13	„ „
<i>Lighthorne</i>	...	Nightsoil	16	„ „
		Ashes	... 5	„ „
<i>Long Itchington</i>	...	Nightsoil	163	„ „
		Ashes	... 245	„ „
<i>Napton</i>	...	Nightsoil	52	„ „
		Ashes	... 45	„ „

<i>Priors Hardwick and</i>						
<i>Priors Marston</i>	...	Ashes	...	41	lorry loads.	
<i>Radway</i>	...	Ashes	...	5	" "	
<i>Ratley</i>	...	Ashes	...	5	" "	
<i>Shotteswell</i>	...	Ashes	...	6	" "	
<i>Southam</i>	...	Nightsoil		125	" "	
		Ashes	...	387	" "	
<i>Stockton</i>	...	Nightsoil		72	" "	
		Ashes	...	54	" "	
		Tins	...	25	" "	
<i>Ufton</i>	...	Nightsoil		4	" "	
		Ashes	...	14	" "	
<i>Warmington</i>	...	Ashes	...	6	" "	
<i>Wormleighton</i>	...	Ashes	...	17	" "	
<i>Farnborough</i>	...	Ashes	...	7	" "	

Tins, etc., are collected quarterly in all other parishes.

Infectious Disease.

Number of Notifications	...	...	...	11
Number of Patients taken to Hospital	3
Number of Disinfections	19

Slaughter Houses.

Number on Register	13
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*A routine inspection has been made of all these ; whilst some are occasionally used for the slaughter of cottagers' pigs, there is no slaughtering for sale for human consumption.

*One was recommended to be not relicensed.

Meat, Fish, Canned Foods, etc.

Number of Inspections	12
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Inspections of carcasses are made in cases of casualty slaughter and in suitable cases, the removal authorised to the appropriate abattoir. Inspections also made of fish, cheese, tinned foods. In all cases voluntary surrender was made and no further action necessary.

Factories and Workshops.

Number on Register (with power)	...	31
do. (without power)	...	16

Water Analysis.

Number of samples taken—chemical	...	9
„ „ „ „ bacteriological...		23

Public Drainage.

Sewers have been repaired at Harbury, Lighthorne, Priors Marston, Southam, Long Itchington, Radway, Napton and Bishops Itchington.

Schemes have been prepared for Sewerage and Disposal works in the parishes of Harbury, Bishops Itchington, Napton, Stockton, Burton Dassett, Gaydon and Long Itchington.

Sewer ditches and Tanks in various Parishes were cleaned as requested.

Building Bye-Laws.

Plans have been received for the following :—

<i>Avon Dassett</i>	...	Farm Buildings. 2 semi-detached houses. Agricultural Cottage. Agricultural building. Alterations to Cottage.
<i>Bishops Itchington</i>		Septic Tank and Drainage. Change of use of workshop.
<i>Burton Dassett</i>	...	Nissen Hut for Club Room. 1 pair semi-detached Cottages. Dwelling House. New Cowshed, alterations and Dairy. Nissen Hut, agricultural purposes.
<i>Farnborough</i>	...	New Tomato House.
<i>Fenny Compton</i>	...	Drainage (new). Extension to existing house. Cattle Shed and 2 Dutch Barns. Lean-to. Oven Chamber and Fuel Store.
<i>Gaydon</i>	... ..	House. Conversion of Barn into Cottage. Additions to Kitchen and Bath-room. Extension for Scullery and Bath-room.

<i>Harbury</i> ...	...	Conversion of Vicarage into 2 units. Amendments & drainage to house Petrol Pump. Tractor Shed. Lavatory and Fuel Store. Calf Ched. Portable Building. Rebuilding Cottage. Conversion of disused Chapel into House. Loose Pens. Two Bay Dutch Barn. Implement Shed. Dairy. Corrugated iron Garage. Alterations to Cottage. Surgery, Dispensary and Waiting room. Alterations to Cottage. Garage. Alterations to Cottage. Extension to Bungalow. Extension.
<i>Ladbroke</i> ...	...	Garage and Coal House. Conversion building into Bungalow Cattle Shed. Tool Shed. Bungalow. Green House. Garage—Asbestos. Implement Shed and Sewage Scheme.
<i>Lighthorne</i>	...	Change of use of Cafe. New food store and implement shed. Implement Shed. Recreation Hut. Playing Field.
<i>Long Itchington</i>		Dutch Barn. Access to Land. Change of use of land. Drainage and Septic Tank. Garage and Show Rooms. Extension to Garage. Offices. New Garage.

<i>Napton</i>	...	...	Cow House. Drainage. Alterations to form flat. Cow House. New Dairy and Boiler House. Dairy. Conversion to outbuilding to form temporary living accommoda- tion. Pig Sty. New House.
<i>Priors Marston</i>	..		New Ladies' and Gents' Cloak- room and etc., new drainage and internal improvements. New Coal House. Alterations to Barn to form annex to Cottage. Ironstone Workings. Working of iron Ore.
<i>Radway</i>	...	...	Garage into Living-room. Winning and working raw mater- ial from land.
<i>Southam</i>	...	...	Extension to Factory. Cycle accommodation to Girls' School. Alterations to House. Access. Change of use of Council Offices into Dwelling. Site for proposed shop. New Cowshed. New Bungalow. House. Garage. Dairy. Store and Work Shop Kitchen and Scullery. Proposed Playing Field.
<i>Stockton</i>	...	...	Change of use of land—Playing Field. Dining Hut for Meals. Extension to House. Alterations and additions. Storage and furnace room.

<i>Ufton</i>	...	...	Scullery for School meals. 2 Reservoirs.
<i>Warmington</i>	...	...	Drainage Bathroom and new drainage. Additions to House. Access.
<i>Wormleighton</i>	...	...	Conversion building to Bungalow. Conversion of house into 2 cottages. Bathroom and new drainage. Additions of bathroom to 2 Cottages.
<i>Harbury, Lighthorne</i>			
<i>Ufton</i>	...	...	Application for winning raw material from land.

LEGAL PROCEEDINGS.

None taken.

I am, Ladies and Gentlemen,

Your obedient servant,

H. L. WELCH, A.R.San.I.,
M.I.M.E.

TABLE 1.

SOUTHAM RURAL DISTRICT.

SUMMARY OF SANITARY WORK DONE IN THE SANITARY INSPECTOR'S
DEPARTMENT DURING THE YEAR 1948.

	Inspections and observations made.	Notices served.		Nuisances abated after notice.
		Statu- tory.	In- formal.	
Dwelling Houses and Schools ...	447	—	372	230
Dairies Milkshops, and Cowsheds..	362	—	18	12
Bakehouses	22	—	2	2
Slaughterhouses (now closed) ...	13	—	1	—
Canal Boats	—	—	—	—
Ashpits and Privies	975	—	21	21
Deposits of Refuse and Manure ...	43	—	1	1
Water-closets	78	—	16	16
House Drainage	192	—	47	47
Water Supply	275	—	105	91
Pigsties	12	—	2	2
Animals improperly kept	5	—	1	1
Offensive Trades	—	—	—	—
Smoke Nuisances	4	—	1	—
Factories and Workshops	37	—	2	2
Other Nuisances	—	—	4	4
Food Shops	33	—	2	2
TOTALS	2498	—	595	431

PRECAUTIONS AGAINST INFECTIOUS DISEASE.

Lots of Infected Bedding, etc., disinfected or destroyed ...	...	—
Houses Disinfected after cases of infectious diseases ...	...	19
Schools Disinfected after cases of infectious diseases ...	...	1

H. L. WELCH, Sanitary Inspector.

TABLE II.

SOUTHAM RURAL DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1948 AND PREVIOUS YEARS.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Nett.		Under 1 Year of age.		At all Ages.	
		Number.	Rate.	Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8
1942	12,740	228	18.5	8	35	145	11.7
1943	11,940	196	17.1	8	41	156	13.0
1944	11,350	231	20.7	6	26	147	13.1
1945	10,980	212	19.3	11	52	154	14.0
1946	11,030	200	18.2	8	40	147	13.3
1947	11,380	252	22.1	12	48	131	11.5
1948	11,940	233	19.5	2	8	125	10.5

VITAL STATISTICS IN ENGLAND AND WALES, 1948.

ENGLAND AND WALES.

*Birth-rate, Death-rate, and Infantile Mortality during the Year 1948.
(Provisional Figures).*

Annual Rate per 1,000 Population.

			Live Births	Still Births.	Deaths.	Deaths under one year to 1,000 Births.
England and Wales	...	...	17.9	0.42	10.8	34
126 Great Towns, including London			20.0	0.52	11.6	39
148 Smaller Towns	...	...	19.2	0.43	10.7	32
London	...	...	20.1	0.39	11.6	31

TABLE III.

SOUTHAM RURAL DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE
YEAR 1948.

NOTIFIABLE DISEASE.	Number of Cases notified.							Total cases removed to Hospital	Total Deaths.
	At all Ages.	At Ages—Years.							
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.			65 and upwards.
Small-pox									
Plague									
Diphtheria (including Mem- branous Croup)									
Erysipelas									
Scarlet Fever	7	2	5					2	
Typhus Fever									
Enteric Fever									
Pneumonia	3					1	2		5
Malaria									
Dysentery									
Puerperal Pyrexia ...									
Cerebro-spinal Meningitis									
Poliomyelitis									
Encephalitis Lethargica									
Ophthalmia Neonatorum									
Polio-Encephalitis ...									
Pulmonary Tuberculosis	15			6	8	1			3
Other forms of Tuberculosis	5	1	2	1	1				
Totals	30	—	3	7	7	9	2	2	8

TABLE IV.
SOUTHAM RURAL DISTRICT.

CAUSES OF DEATH DURING THE YEAR 1948.

CAUSES OF DEATH.	MALES.	FEMALES.
All Causes	67	58
1 Typhoid and Paratyphoid Fevers ...	—	—
2 Cerebro Spinal Fever	—	—
3 Scarlet Fever	—	—
4 Whooping Cough	—	—
5 Diphtheria	—	—
6 Tuberculosis of Respiratory System ...	2	1
7 Other Forms of Tuberculosis	—	—
8 Syphilitic Diseases	—	—
9 Influenza	—	—
10 Measles	—	—
11 Ac. Polio-Myel and Polio-Enceph. ...	—	—
12 Ac. Infant Enceph.	—	—
13 Cancer of B. Cav. and Oesoph (M.) Uterus (F.)	3	—
14 Cancer of Stomach and Duod.	2	1
15 Cancer of Breast	—	2
16 Cancer, other Sites	5	6
17 Diabetes	—	—
18 Intra Cran. Vasc. Lesions... ..	9	16
19 Heart Disease	20	20
20 Other Dis. Circ. Sys.	5	—
21 Bronchitis	2	1
22 Pneumonia	3	2
23 Other Resp. Diseases	4	1
24 Ulcer of Stomach and Duod.	1	—
25 Diarrhoea (under 2 years)... ..	1	—
26 Appendicitis	1	—
27 Other Digestive Diseases	1	2
28 Nephritis	2	—
29 Puer. and Post Abort Sepsis	—	—
30 Other Maternal Causes	—	—
31 Premature Birth	—	—
32 Con. Mal., Birth Inj., etc.... ..	—	—
33 Suicide	—	—
34 Road Traffic Accidents	1	2
35 Other Violent Causes	—	2
36 All Other Causes	5	2

